



BOSS®

BOSS

Feel the Energy.



Professional Multi-Effects for Guitar and Bass.

GT-6 GUITAR EFFECTS PROCESSOR COSM

Flexible COSM Preamps, Overdrive/Distortion Modeling and More.

The GT-6 Guitar Effects Processor is the culmination of over 25 years of BOSS effects know-how. This floor-based multi-effects processor starts with 30 incredible-sounding COSM amp models—from vintage classics to modern screamers—then adds new COSM Distortion/Overdrive Pedal Modeling and COSM Wah Modeling for those classic and modern pedal sounds.

With 340 programs, the GT-6 delivers more of the effects guitarists are looking for—like chorus, delay, reverb, phasing, flanging, tremolo, pitch shifting, Slicer, Acoustic Simulator and more—plus new “Uni-V” and “De-Fretter” effects for phase shifting vibrato effects and fretless sounds. New EZ Tone and Customize features make dialing in tones easy using the knobs—just like compact pedals! And while it looks good on stage, the GT-6 also shines in the studio with 24-bit processing and a S/PDIF digital output.



EFFECT LIST		
FX-1	Compressor	Vibrato
	Limiter	Uni-V
	AC Guitar Sim	Short Delay
	Pickup Sim	Humanizer
	Tremolo	Ring Mod
FX-2	Slow Gear	Slicer
	Feedbacker	Auto Riff
	Anti-Feedback	Guitar Synth
	Defretter	Sub Equalizer
		Pedal Bend
WAH		DELAY
OD/DS		CHORUS
		REVERB

COSM PREAMP TYPE			
JC CLEAN	VO COMBO	MS STACK	METAL
JC120	VO Drive	MS1959(I)	5150 Drive
Jazz Combo	VO Lead	MS1959(II+I)	Metal Stack
Full Range	VO Clean	MS HIGain	Metal Lead
TW CLEAN	MATCH DRV	R-FIER	
Clean TWIN	MATCH Drive	R-Fier RED	
Pra Crunch	MATCH Lead	R-FierOrang	
Tweed	Fat MATCH	R-FierVint	
CRUNCH	BG LEAD	HI GAIN	
Crunch	BG Lead	SLDN	
Blues	BG Drive	Drive Stack	
Stack Crunch	BG Rhythm	Lead Stack	

COSM OD/DS TYPE		
OD/BOOST	CLASSIC	METAL
Blues OD	OD-1	Metal Zone
Turbo OD	T-Scream	R-MAN
Booster	DST +	Heavy Metal
DIST	FUZZ	
Distortion	80s Fuzz	
American DS	Oct Fuzz	
GUV DS	MUFF Fuzz	

COSM WAH TYPE				
CRY WAH	VO WAH	Fat WAH	Light WAH	7String WAH



EFFECT LIST		
COMP/LIMITER	WAH	Harmonist
	Pedal Wah	Pitch Shifter
	Touch Wah	Pedal Bend
OD/DIST	Auto Wah	2x2 Chorus
		Auto Slap
		Short Delay
CHORUS	FX-1	Vibrato
	Octave	Humanizer
	Enhancer	Tremolo/Pan
REV/DLY	Slow Gear	Bass Synth
	Defretter	
	Ring Modulator	
PREAMP/SPEAKER	FX-2	NOISE SUPPRESSOR
	Phaser	MASTER
	Flanger	FOOT VOLUME

COSM OD/DS TYPE			COSM WAH TYPE	
Blues OD	Distortion	'60s Fuzz	CRY WAH	
Turbo OD	GUV DS	Oct Fuzz	VO WAH	
Bass OD	Metal Zone	MUFF Fuzz	Bass WAH	

COSM COMP/LIMITER TYPE		COSM SPEAKER TYPE	
BOSS COMP	RACK 160D	1 x 15"	4 x 10"
D-COMP	VTG RACK U	1 x 18"	8 x 10"
		2 x 15"	

COSM PREAMP TYPE	
FLIP TOP	T.E.
B MAN	SESSION
BASS 360	CONCERT 810

Complete

When it comes to multi-effects, BOSS offers complete floor-based solutions for bass and guitar players alike.

The Ultimate Bass Processor—Powered by COSM.

As BOSS' first bass multi-effects processor in over five years, you know the GT-6B is something special. This 24-bit floor-based unit gives bassists access to Roland's COSM® Modeling, specially tuned for bass! You get models of six classic bass amps like “Concert 810,” “Session,” “T.E.,” “Bass 360,” “B Man,” and “Flip Top”—plus speaker cabinets including 8 x 10", 4 x 10", 2 x 15" and more.

And the effects? Only the best BOSS has to offer, from standards like reverb, chorus, delay and flanger to exclusive COSM Overdrive/Distortion Modeling, Wah Modeling and new COSM Compression. There's even a S/PDIF digital output and Analog Bypass function for pure, unaltered tone. And with cool performance features like Auto Slap and sound-on-sound looping—plus fat synth bass sounds with lightning-fast tracking—the GT-6B blows away the competition.

GT-6B BASS EFFECTS PROCESSOR COSM

■ GT-6B Specifications
•AD Conversion 24-bit • AF method •DA Conversion 24-bit •Sampling Frequency 44.1 kHz •Program Memories 120: 80 (User) + 40 (Preset)
•Nominal Input Level INPUT: -10 dBu (XLR jack, 600 Ω load) •Input Impedance INPUT: 1 MΩ •Nominal Output Level OUTPUT: -10 dBu (1/4" jack, At OUTPUT LEVEL marking position) OUTPUT: -10 dBu (XLR jack, 600 Ω load) •Output Impedance OUTPUT: 2 kΩ (Phone jack), OUTPUT: 600 kΩ (XLR jack, HOT-COLD), 300 kΩ (HOT-GND, COLD-GND) •Display 16 characters, 2 lines (backlit LCD) / 2 characters, 7 segment LED •Power Supply AC 14 V: Supplied AC adaptor (BRC Series) •Current Draw 800 mA •Dimensions 515 (W) x 261 (D) x 75 (H) mm (20-5/16" x 10-5/16" x 3") •Weight 4.7 kg/10 lbs 6 oz. (excl. AC Adaptor) •Accessory AC Adaptor (BRC Series)
* AF Method (Adaptive Focus method): This is a proprietary method from Roland that vastly improves the signal-to-noise (S/N) ratio of the A/D and D/A converters.

■ GT-6B Rear Panel



■ GT-6 Specifications
•AD Conversion 24-bit • AF Method •DA Conversion 24-bit •Sampling Frequency 44.1 kHz •Program Memories 340: 140 (User) + 200 (Preset)
•Nominal Input Level INPUT: -10 dBu, RETURN: -10 dBu •Input Impedance INPUT: 1 MΩ, RETURN: 220 kΩ •Nominal Output Level OUTPUT: 0 dBu, SEND: -10 dBu •Output Impedance OUTPUT: 2 kΩ, SEND: 2 kΩ •Display 16 characters, 2 lines (backlit LCD) / 2 characters, 7 segment LED •Power Supply AC 14 V: Supplied AC Adaptor (BRC Series) •Current Draw 800 mA •Dimensions 515 (W) x 261 (D) x 75 (H) mm (20-5/16" x 10-5/16" x 3") •Weight 4.7 kg/10 lbs 6 oz. (excl. AC Adaptor) •Accessory AC Adaptor (BRC Series)
* AF Method (Adaptive Focus method): This is a proprietary method from Roland that vastly improves the signal-to-noise (S/N) ratio of the A/D and D/A converters.

■ GT-6 Rear Panel



Powerful Multi-Effects with Stompbox Simplicity.

Value

Whether it's guitar effects, digital recorders or drum machines, BOSS has a history of giving musicians more for their money.



ME-50 GUITAR MULTIPLE EFFECTS

Killer Tone is Just a Stomp Away...

The ME-50 Guitar Multiple Effects gives guitarists easy access to killer BOSS multi-effects like delay, modulation and reverb—plus incredible-sounding COSM® overdrive and distortion—without all the menu-surfing. Each effect section is clearly laid out with three footswitches and knobs for intuitive editing. Other effects include essentials like analog delay, flanger, phaser, tremolo, Harmonist, Uni-V and Rotary.

The rugged ME-50 offers easy tonal shaping via its Tone Modify function; select from Preset EQ settings like “Fat,” “Presence” and “Acoustic” to change your overall tone. And with dedicated compressor and noise suppressor algorithms, you always have access to these essential effects. Other conveniences include a chromatic tuner with mute function, 30 User memory locations for storing your settings and the ability to use battery or AC power. No other multi-effect processor can match the ME-50's quality and ease of use.

- Overdrive / Distortion Type: • OD-1 • Natural • OD-2 • Crunch • BD-2 • Lead • DS-1 • Loud • MT-2 • Metal • Scream • Modern OD • DST+ • Stack • GUV • Hi Gain • RAT • Modern DS • Muff • Square • FACE • Oct Fuzz
- Effects: • Tone Modify • Compressor • Chorus • Phaser • Flanger • Harmonist • Tremolo • Pan • Vibrato • Uni-V • Rotary • Delay • Reverb • Noise Suppressor
- Effects for Expression Pedal: • Foot Volume • Wah • Resonance • Voice • Ring Modulator • Bend (+1 Octave, -1 Octave)

■ ME-50 Specifications
•AD Conversion 24-bit • AF method* •DA Conversion 24-bit •Sampling Frequency 44.1 kHz •Patches 30 (User) •Nominal Input Level INPUT: -10 dBu, AUX IN: -10 dBu
•Input Impedance INPUT: 1 MΩ, AUX IN: 100 kΩ •Output Impedance 2 kΩ •Display 1 character, 7 segment LED •Power Supply DC 9 V: Dry batteries (R6 / LR6 (AA) type) x 6, AC Adaptor (PSA Series, Optional) •Current Draw 120 mA * Expected battery life under continuous use: [Carbon: 3.5 hours], [Alkaline: 12 hours] * These figures will vary depending on the actual conditions of use. •Dimensions 384 (W) x 225 (D) x 102 (H) mm (15-1/8" x 8-7/8" x 4-1/16") •Weight 3.15 kg/7 lbs (incl. batteries)
•Accessory Dry Batteries (Alkaline: LR6 (AA) type) x 6 •Options AC Adaptor (PSA Series), Footswitch (FS-5U)
*AF Method (Adaptive Focus method) This is a proprietary method from Roland that vastly improves the signal-to-noise (S/N) ratio of the A/D and D/A converters.

■ ME-50 Rear Panel



Warm, Tube Drive Sounds.

Uses BOSS' asymmetric overdrive circuitry for warm, smooth overdrive sounds that respond to your picking style just like a tube amp. Includes a Tone control to dial in just the right sound.

- Controls LEVEL, TONE, DRIVE
- Current Draw 4 mA (DC 9 V)

SD-1 SUPER OverDrive



Distortion and Overdrive Together At Last!

A flexible pedal capable of producing overdrive, distortion, or a combination of both. Get “in your face” distortion while maintaining the subtle nuances of single-coil guitar pickups.

- Controls LEVEL, TONE, DRIVE, COLOR Knob (OD, DS) •Current Draw 12 mA (DC 9 V)

OS-2 OverDrive / Distortion



Nu-School Distortion with Massive Low End.

This pedal's dual Distortion and Gain Boost circuits take thick, heavy distortion sounds to a whole new level. Special Gain Boost and Bottom controls let you shape your tone for maximum volume and low-end punch.

- Controls LEVEL, TONE, BOTTOM, DIST, GAIN BOOST •Current Draw 18 mA (DC 9 V)

MD-2 Mega Distortion



BOSS' Most Popular Pedal!

Features dual-gain circuitry for thick, tube stack distortion with heavy mids and lows and long-lasting sustain. A 3-band EQ with semi-parametric mids takes your sound to the extreme.

- Controls LEVEL, EQ (HIGH, LOW, MIDDLE, MID FREQ), DIST
- Current Draw 20 mA (DC 9 V)

MT-2 Metal Zone®



Used by Pros Everywhere.

A classic! Add some hard-edged distortion while preserving the subtle nuances of your playing dynamics. A Tone control is provided for easy sound shaping.

- Controls TONE, LEVEL, DIST
- Current Draw 4 mA (DC 9 V)

DS-1 Distortion



Natural Overdrive with Endless Sustain!

Classic BOSS overdrive, based on a dual-stage design for bigger, fuller sounds. Variable Drive and Tone controls create overdriven sounds from mild to extreme with almost endless sustain.

- Controls LEVEL, TONE, DRIVE
- Current Draw 9 mA (DC 9 V)

OD-3 OverDrive



The Perfect Distortion for Blues.

Get the tone of a bluesy, vintage tube amp in a compact pedal capable of anything from warm overdriven sounds to full-on distortion. Leaves the subtle nuances of your playing intact.

- Controls LEVEL, TONE, GAIN
- Current Draw 13 mA (DC 9 V)

BD-2 Blues Driver®



Two Distortions for the Price of One.

Features twin modes for an expanded range of distortion—taking you from blues-rock rhythms to searing leads at the press of a pedal or twist of a knob.

- Controls LEVEL, TONE, DIST, TURBO (1, 2 (REMOTE)) •Current Draw 12 mA (DC 9 V)

DS-2 TURBO Distortion

- Compact Pedal Effects Specifications
- Dimensions 73 (W) x 129 (D) x 59 (H) mm (2-7/8" x 5-1/8" x 2-3/8") •Weight (depending on the model) 400 to 450 g/15 oz. to 1 lb. •Accessory Dry Battery
- Option AC Adaptor

When You Want Distortion, It's Gotta Be BOSS.

Legendary

From the best-selling MT-2 Metal Zone to the HUGE-sounding MD-2, BOSS overdrive/distortion pedals are found in more pedalboards than any other.



Improves Your Overall Tone.

Compresses louder signals while boosting lower signals for smooth sustain without degrading the original sound quality. Onboard EQ for precise tonal control and low-noise design for super-quiet operation.

•Controls LEVEL, TONE, ATTACK, SUSTAIN •Current Draw 11 mA (DC 9 V)

CS-3 *For Guitar/Bass*
Compression Sustainer



Powerful 7-Band EQ!

Shape your sound and eliminate feedback with seven bands of equalization. Includes frequencies ranging from 100Hz to 6.4kHz with a powerful 15dB boost/cut per band.

•Controls Equalizer Control Sliders (100 Hz, 200 Hz, 400 Hz, 800 Hz, 1.6 kHz, 3.2 kHz, 6.4 kHz), LEVEL •Current Draw 10 mA (DC 9 V)

GE-7
Equalizer



Impressive Acoustic Sounds!

Turn your electric guitar into an acoustic using four distinct modes: Standard, Jumbo, Enhance, and Piezo. Two individual outputs permit instant switching between different amps (one for electric sounds; one of acoustic).

•Controls LEVEL, BODY, TOP, MODE (PIEZO/ENHANCE/JUMBO/STANDARD) •Current Draw 18 mA (DC 9 V)

AC-2
Acoustic Simulator



The Original Chorus.

Produces everything from mild, natural chorusing to the penetrating stereo chorus popular in contemporary music. Covers a wide frequency range and includes both high- and low-cut filters.

•Controls E.LEVEL, RATE, DEPTH, FILTER Knobs (HIGH, LOW) •Current Draw 22 mA (DC 9 V)

CE-5
Chorus Ensemble



A Unique Stereo Chorus.

Delivers a clean chorus sound with crystal-clear highs and a unique stereo effect, variable between the left and right speakers. An EQ function adjusts the tonality of the chorus sound.

•Controls E.LEVEL, EQ, RATE, DEPTH •Current Draw 15 mA (DC 9 V)

CH-1
SUPER Chorus



Unbelievable “Talking” Wah Effects!

The world's first compact pedal to produce human-voice type wah sounds using a “Humanizer” effect. EXP Pedal mode allows foot control, plus dedicated Bass input for processing bass guitar.

•Controls DECAY, MANUAL/VOWEL 2, SENS/VOWEL 1, MODE •Current Draw 50 mA (DC 9 V)

AW-3 *For Guitar/Bass*
Dynamic Wah



The Ultimate Octave Pedal.

The OC-3 SUPER Octave puts new polyphonic octave effects, a Drive mode with distortion, and the original OC-2 effect in one convenient pedal that's ideal for bass, too.

•Controls DIRECT, OCT 1, CONTROL, MODE (POLY/RANGE/OCT 2/DRIVE) •Current Draw 50 mA (DC 9 V)

OC-3 *For Guitar/Bass*
SUPER Octave



Classic Tremolo Sounds!

Reproduces the classic tremolo effects of vintage '60s amps using a Low Frequency Oscillator (LFO). LFO waveform variable from triangle to square for producing a variety of classic tones.

•Controls RATE, WAVE, DEPTH •Current Draw 20 mA (DC 9 V)

TR-2
Tremolo



The Flanger Gets a Face-Lift.

The thickest stereo flanging sounds ever in a BOSS pedal. Ultra mode produces BOSS' deepest flanging sounds ever, while Gate/Pan creates spacious flanging with a cool Slicer effect that seems to “swirl” around the listener.

•Controls RES, MANUAL, DEPTH, RATE, MODE (ULTRA, STANDARD, GATE/PAN, MOMENTARY) •Current Draw 40 mA (DC 9 V)

BF-3 *For Guitar/Bass*
Flanger



Modern Phasing with Tap Tempo Sync.

Vintage BOSS phasing effects including 4-, 8-, 10-, and 12-stage phasers, plus new “Rise” and “Fall” effects for unidirectional phasing. Tap tempo sync or realtime control of rate via an Expression/Pedal input.

•Controls RATE, DEPTH, RES (resonance), STAGE (STEP/RISE/FALL/12/10/8/4) •Current Draw 50 mA (DC 9 V)

PH-3 *For Guitar/Bass*
Phase Shifter



Pro-Quality Delay in a Compact Pedal.

A powerful delay pedal with three distinct modes. A variable Delay Time control creates delays from 12.5ms to 800ms, while a Hold function is capable of producing repeats from here to infinity.

•Controls E.LEVEL, FBACK, D.TIME, MODE (HOLD/L 800ms/M 200ms/S 50ms) •Current Draw 45 to 65 mA (DC 9 V)

DD-3 *For Guitar/Bass*
Digital Delay



Up to 5,200ms of Delay!

The DD-6 Digital Delay is BOSS' flagship compact delay pedal—with up to 5,200ms of delay, sound-on-sound recording, tap tempo, plus unique Reverse and Warp effects.

•Controls E. LEVEL, FBACK, D.TIME, MODE (2600ms/800ms/300ms/80ms/REVERSE/HOLD (5.2s)/WARP) •Current Draw 55 mA (DC 9 V)

DD-6 *For Guitar/Bass*
Digital Delay



Pitch Shifting and Beyond.

Combines intelligent pitch shifting (+/-2 octaves) and harmonist functions with new Tremolo Arm/Flutter effects. Tremolo Arm bends notes to a pre-selected value while Flutter simulates the slapping of a tremolo bar.

•Controls BALANCE, D. TIME/SPEED, H.R. KEY, PITCH, MODE (PITCH SHIFTER/HARMONIST/OETUNE/T ARM/FLUTTER) •Current Draw 50 mA (max.) (DC 9 V)

PS-5
SUPER Shifter



Pro-Quality Reverb—In Stereo.

The RV-5 Digital Reverb gives you six of BOSS' best reverbs—including spring reverb emulation, gate reverb and an all-new “Modulate” mode—in a true stereo pedal.

•Controls E. LEVEL, TONE, TIME, MODE (SPRING/PLATE/HALL/ROOM/GATE MODULATE) •Current Draw 50 mA (DC 9 V)

RV-5 *For Guitar/Bass*
Digital Reverb



A “Must-Have” Pedal!

Eliminate unwanted noise and hum without altering your tone. A unique noise detection circuit preserves the natural attack and envelope, leaving your playing and dynamics intact.

•Controls THRESHOLD, DECAY, MODE (MUTE/REDUCTION) •Current Draw 20 mA (DC 9 V)

NS-2
Noise Suppressor



Simplifies Your Setup.

The easy way to switch settings among several effects or amplifiers, or route input and output signals. When used with an AC adaptor, the LS-2 can supply power to several BOSS compact pedals.

•Controls MODE, LEVEL (A, B) •Current Draw 25 mA (DC 9 V)

LS-2
Line Selector

A Pedal for Every Occasion.

Inspiring

With so many pedals to choose from, all it takes is a quick stomp to get fresh, inspiring tones.

Genuine BOSS Effects for Bass.



Crunchy Overdrive Effects for Bass.
An overdrive effect designed to cover the entire frequency range of bass guitars, including 5-string basses. Overdriven sounds can be blended with dry bass signal for maximum clarity and punch.
•Controls LEVEL, HIGH EQ, LOW EQ, BALANCE, GAIN •Current Draw 15 mA (DC 9 V)
ODB-3
Bass OverDrive



A Chorus Pedal with Built-in Crossover.
A split-frequency chorus capable of applying warm, rich chorus to higher frequencies without muddying the lows. A space synthesis effect guarantees a natural and spacious chorus effect.
•Controls E LEVEL, LOW FILTER, RATE, DEPTH •Current Draw 22 mA (DC 9 V)
CEB-3
Bass Chorus



Precise Tonal Control.
With a frequency range from 50Hz to 10kHz, the GEB-7 is ideal for any bass guitar, including 5-string basses. Seven bands of EQ are available, affording greater control over the crucial midrange.
•Controls Equalizer Control Knobs (50 Hz, 120 Hz, 400 Hz, 500 Hz, 800 Hz, 4.5 kHz, 10 kHz), LEVEL •Current Draw 16 mA (DC 9 V)
GEB-7
Bass Equalizer



Smooth Tone, Every Time.
Smooths out your playing by eliminating harsh volume peaks, even when using dynamic slap and pop techniques. Ratio and Threshold knobs allow precise control of limiting parameters.
•Controls LEVEL, ENHANCE, RATIO, THRESHOLD •Current Draw 17 mA (DC 9 V)
LMB-3
Bass Limiter Enhancer



Fat Synth Bass Sounds!
Turn your bass guitar into a phat 'n' phunky bass synth—perfect for hip-hop, dance, or urban funk styles. Eleven different modes produce a variety of synth bass effects.
•Controls E LEVEL, DIRECT, FREQUENCY, RES (Resonance), SENS/DECAY, MODE •Current Draw 80 mA (DC 9 V)
SYB-3
Bass Synthesizer

■ Compact Pedal Effects Specifications
•Dimensions 73 (W) x 129 (D) x 59 (H) mm (2-7/8" x 5-1/8" x 2-3/8") •Weight (depending on the model) 400 to 450 g/15 oz. to 1 lb.
•Accessory Dry Battery •Option AC Adaptor

Reliable Tuning for Any Instrument.

Proven
BOSS Tuners have earned a reputation for being both reliable and accurate. Whether you play guitar, bass or French horn, there's a BOSS tuner for you.



TU-15 CHROMATIC TUNER
The Only Tuner with Accu-Pitch™
The TU-15 is BOSS' ultimate tuner, offering renowned needle-point accuracy, backlit design, flat tuning and a host of "world's first" features not found in any other tuner—including new Accu-Pitch and Octave Adjust functions.
•Reference Pitch A4 = 430 to 449 Hz (1 Hz steps) •Tuning Range E0 to C8
•Power Supply Dry Battery (9 V type), AC Adaptor (PSA Series: Optional)

The World's Most Popular Tuners!



Convenient Pedal-Based Tuning.
Legendary BOSS tuning in a convenient, easy-to-use compact pedal design. A 7-segment LED and 11-point Stream Meter ensure accurate tuning, even in low-light settings or under bright stage lights.
•Reference Pitch A4 = 438 to 445 Hz (1 Hz steps) •Tuning Range C0 to C8
•Power Supply Dry Battery (9 V type), AC Adaptor (PSA Series: Optional)

TU-2
Chromatic Tuner



TU-12 CHROMATIC TUNER
The Industry Standard.
The worldwide standard used by top musicians everywhere, thanks to extremely accurate, easy-to-use tuning.
•Reference Pitch 440 to 445 Hz (1 Hz steps) •Tuning Range C1 to B5
•Power Supply Dry Battery (9 V type), AC Adaptor (PSA Series: Optional)



TU-12H CHROMATIC TUNER
Great for Woodwinds and Brass!
Offers an extended tuning range of C1 to B6 for tuning a variety of instruments including guitar, bass, woodwind, brass and ethnic instruments.
•Reference Pitch 440 to 445 Hz (1 Hz steps) •Tuning Range C1 to B6
•Power Supply Dry Battery (9 V type), AC Adaptor (PSA Series: Optional)



TU-8 GUITAR & BASS AUTO TUNER
Tune Any Guitar!
Accommodates the widest range of instrument tunings—from guitar to six-string bass—plus flat, double-flat, and open D, E, G and A tunings.
•Reference Pitch A4 = 438 to 445 Hz (1 Hz steps) •Tuning Range A0 to C8
•Power Supply Dry Battery (9 V type), AC Adaptor (PSA Series: Optional)



TU-70 GUITAR & BASS AUTO TUNER
Backlit LCD Makes Tuning Easy.
The world's first compact guitar and bass tuner with a backlit LCD and smooth needle movement for the most accurate tuning in its class.
•Reference Pitch A4 = 435 to 446 Hz (1 Hz steps) •Tuning Range A0 to C8
•Power Supply Dry Battery (9 V type)



TU-6 GUITAR TUNER
Affordable BOSS Tuning.
A compact, affordably-priced tuner with Mode selector for tuning guitar or bass, plus a high-sensitivity mic for tuning acoustic instruments.
•Tuning Range Guitar = 1E, 2B, 3G, 4D, 5A, 6E, Bass = 1G, 2D, 3A, 4E
•Power Supply Dry Battery (9 V type)

Essential Tools for Acoustic Musicians.



AD-5 ACOUSTIC INSTRUMENT PROCESSOR
An Acoustic Musician's Best Friend.
Studio-quality acoustic-electric guitar preamp/DI box specially voiced for acoustic instruments. Includes anti-feedback controls, mic distance and body resonance simulation, plus onboard reverb and chorus.
•AD Conversion 21-bit •AF Method •DA Conversion 20-bit, 4 Times Oversampling Digital Filter •Sampling Frequency 44.1 kHz •Connectors INPUTS (PIEZO, MAGNETIC), INSERT (1/4" TRS Phone Type), OUTPUT (L/Mono, R), OUTPUT (L, R (XLR-3-32 Type)), REMOTE AC Adaptor •Power Supply DC 9 V •Dimensions 150 (W) x 155 (D) x 65 (H) mm (5-15/16" x 6-1/8" x 2-9/16") •Weight 1.0 kg/2 lbs. 4 oz. (excl. AC Adaptor)
•Accessory AC Adaptor (Roland ACI or ACB Series)



AD-3 ACOUSTIC INSTRUMENT PROCESSOR
Floor-Based Acoustic Processing.
Incorporates many of the AD-5's outstanding features—like anti-feedback processing, reverb and chorus effects—into a rugged, floor-based unit with stompbox simplicity.
•AD Conversion 20-bit •DA Conversion 20-bit •Sampling Frequency 44.1 kHz •Connectors INPUT (1/4"), OUTPUT (L, R: 1/4" TRS Phone Type), AC Adaptor •Power Supply DC 9 V, Dry battery x 6, AC Adaptor (PSA Series)
•Current Draw 90 mA •Dimensions 170 (W) x 156 (D) x 70 (H) mm (6-3/4" x 6-3/16" x 2-13/16") •Weight 1 kg/ 2 lbs. 4 oz. (incl. batteries) •Accessory Dry Battery <LR6 (AA)> x 6 •Option AC Adaptor (PSA Series)



BOSS Re-Invents the Compact Pedal.

Ultimate

With the Twin Pedal Series, BOSS takes its compact pedal design to all-new levels, giving guitarists the absolute finest effects ever made.



22 Overdrive/Distortion Pedals Right Beneath Your Feet!

The OD-20 Drive Zone uses advanced COSM technology to model the sound of classic overdrive/distortion pedals, as well as creating new sounds of its own. There are 22 models to choose from, plus new "Attack Shape" and "Heavy Octave" parameters for dialing in subtle nuances or extreme tones. Four User memories store your settings, while an Amp Control jack lets you switch amp channels remotely.

DRIVE ZONE

OD-20

OVERDRIVE/DISTORTION

COSM

■ OD-20 ORIGINAL DISTORTION/BOOSTER

Type	Features
LEAD	OD-20 original distortion. Produces a distortion sound with both the smoothness of an overdrive along with a distortion's depth.
STACK	OD-20 original distortion. A fat sound with an added element of a stack amp's distortion.
LOUD	OD-20 original distortion. A heavy distortion with a boosted low end.
BOOST	OD-20 original booster.
CRUNCH	OD-20 original distortion. A big crunch sound with an added element of amp distortion.
METAL	OD-20 original distortion. An intense, radical distortion sound.



BOSS' Ultimate Chorus Pedal.

The CE-20 Chorus Ensemble is the culmination of over 25 years of BOSS chorus experience. This programmable chorus pedal not only models classics like the CE-1 and SDD-320, but creates entirely new effects including chorus for bass and acoustic guitar. New "Brilliance" and "Ambience" knobs offer unprecedented realtime control over the chorus tone—making the CE-20 a pedal no guitarist should be without.

CHORUS ENSEMBLE

CE-20

DIMENSIONAL PROCESSOR

For Guitar/Bass

■ MODE LIST

Type	Features
RICH	Chorus with unprecedented breadth.
BASS	Chorus specially tuned for bass that maintains the low end. Great for that bass or heavy guitar sound.
ACOUSTIC	Chorus tuned especially for acoustic guitar. Ripple is minimized for a natural-sounding chorus effect.
STANDARD	General chorus sound. A perfect sound suitable for any kind of instrument.
DIMENSIONAL D	Models the Roland DIMENSION D (SD-320). Provides a clear, crisp chorus sound.
CE-1	Models that venerable classic, the BOSS "CE-1" Chorus Effect.



■ CE-20 Specifications

•Memories 4 •Nominal Input Level GUITAR/BASS: -20 dBu, GUITAR AMP SEND/RETURN: +4 dBu •Nominal Output Level GUITAR/BASS: -20 dBu, GUITAR AMP SEND/RETURN: +4 dBu •Residual Noise Level -93 dBu or less (IHF-A typ.) •Power Supply DC 9 V: Dry battery <AA type> x 6, AC Adaptor •Current Draw 85 mA (9 V max.) (Expected battery life under continuous use; [Carbon: 8 hours], [Alkaline: 20 hours] These figures will vary depending on the actual conditions of use.) •Dimensions 173 (W) x 158 (D) x 57 (H) mm (6-13/16" x 6-1/4" x 2-1/4") •Weight 1.1 kg/2 lbs. 7 oz. (incl. batteries) •Accessory Dry Battery <LR6 (AA) type> x 6 (We recommend that alkaline batteries be used when replacing the batteries.) •Option AC Adaptor (PSA Series) * 0 dBu=0.775 Vrms

The World's Most Powerful EQ Pedal.

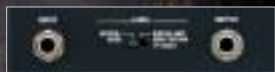
The EQ-20 Advanced EQ gives guitarists, bassists and other live performers 10 bands of programmable digital EQ with stellar sound quality. Physical sliders make instant EQ tweaks easy, and a straightforward Write function permits instant storage of EQ settings into nine memory locations.

ADVANCED EQ

EQ-20

GRAPHIC EQUALIZER

For Guitar/Bass



BOSS' Next-Generation Delay.

The DD-20 Giga Delay provides up to 23 seconds of delay with easy adjustment via push-button knob or tap tempo. With a choice of 11 modes—including new "Smooth" and "Twist" delays and sound-on-sound recording—this is BOSS' finest delay pedal to date.

GIGA DELAY

DD-20

DIGITAL DELAY

For Guitar/Bass



Create and Play Back Guitar and Bass Loops On the Fly!

The RC-20 Loop Station is the first compact phrase recording and sampling pedal that's actually easy to use. A long sampling time of up to five minutes, helpful Guide Click and Loop Quantize functions, Realtime Tempo Change and hands-free control make the RC-20 a "must-own" pedal for guitarists, bassists and other musicians looking to create and play back loops on the fly.

LOOP STATION™

RC-20

PHRASE RECORDER

For Guitar/Bass



■ OPERATION EXAMPLE "SOUND ON SOUND"



■ EQ-20 Specifications

•Memories 9 •Nominal Input Level GUITAR/BASS: -20 dBu, GUITAR AMP SEND/RETURN: +4 dBu •Nominal Output Level GUITAR/BASS: -20 dBu, GUITAR AMP SEND/RETURN: +4 dBu •Residual Noise Level -100 dBu or less (IHF-A typ./All Sliders max.) •Variable Range Equalizer Control: -+15 dB, Level Control: -+15 dB •Display Custom LCD (backlit LCD) •Power Supply DC 9 V: Dry battery <AA type> x 6, AC Adaptor •Current Draw 200 mA (9 V max.) (Expected battery life under continuous use; [Carbon: 2 hours], [Alkaline: 7 hours] *These figures will vary depending on the actual conditions of use.) •Dimensions 173 (W) x 158 (D) x 57 (H) mm (6-13/16" x 6-1/4" x 2-1/4") •Weight 1.1 kg/2 lbs. 7 oz. (incl. batteries) •Accessory Dry Battery <LR6 (AA) type> x 6 (We recommend that alkaline batteries be used when replacing the batteries.) * 0 dBu=0.775 Vrms

■ DD-20 Specifications

•Nominal Input Level GUITAR/BASS: -20 dBu, GUITAR AMP SEND/RETURN: +4 dBu •Nominal Output Level GUITAR/BASS: -20 dBu, GUITAR AMP SEND/RETURN: +4 dBu •Residual Noise Level -93 dBu or less (IHF-A typ.) •Display Custom LCD (backlit LCD) •Power Supply DC 9 V: Dry battery <R6 / LR6 (AA) type> x 6, AC Adaptor •Current Draw 200 mA (9 V max.) (Expected battery life under continuous use; [Carbon: 2 hours], [Alkaline: 7 hours] *These figures will vary depending on the actual conditions of use.) •Dimensions 173 (W) x 158 (D) x 57 (H) mm (6-13/16" x 6-1/4" x 2-1/4") •Weight 1.2 kg/2 lbs. 11 oz. (incl. batteries) •Accessory Dry battery <LR6 (AA) type> x 6 (We recommend that alkaline batteries be used when replacing the batteries.) •Option AC Adaptor (PSA Series) * 0 dBu=0.775 Vrms

■ RC-20 Specifications

•Nominal Input Level INPUT: -20 dBu (variable), MIC: -40 dBu (variable), AUX IN: -10 dBu •Nominal Output Level OUTPUT: -20 dBu •Internal Memory Recording Time: 5 min. 30 sec. (max.), 10 loop phrases + 1 one-shot phrase (max.) •Power Supply DC 9 V: Dry battery <AA type> x 6, AC Adaptor •Current Draw 85 mA (9 V max.) (Expected battery life under continuous use; [Carbon: 9 hours], [Alkaline: 25 hours] These figures will vary depending on the actual conditions of use.) •Dimensions 173 (W) x 158 (D) x 57 (H) mm (6-13/16" x 6-1/4" x 2-1/4") •Weight 1.2 kg/2 lbs. 7 oz. (incl. batteries) •Accessories Dry Battery <LR6 (AA) type> x 6 (We recommend that alkaline batteries be used when replacing the batteries.) •Sound Library for RC-20 (Sample Phrase CD) •Option AC Adaptor (PSA Series) * 0 dBu=0.775 Vrms



Taking Guitar Playing Further...

Innovative
From the world's first modeling wah
to GK pedals, BOSS gear continues to
break the boundaries.

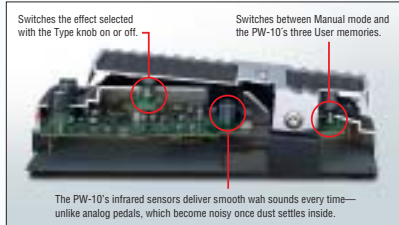


V-WAH
PW-10 Wah Pedal
COSM For Guitar/Bass

The World's First Modeling Wah Pedal!

The amazing BOSS PW-10 V-Wah® is likely to be the last wah pedal you'll ever need or want. This first-of-its-kind programmable modeling wah uses COSM technology to recreate some of the most popular wah pedals in history. These include "CBY-Wah" (the classic wah sound), "VO-Wah" (the British wah sound), "MO-Wah" (a popular new-school wah sound), and "Uni-V" (a vintage swirling rotary effect).

But the PW-10 doesn't just do wah; it also creates analog synth-like sounds via its "Double Resonance" mode and cool "talking" sounds in "Voice" mode. Eight types of overdrive sounds are also included, which can be dialed in with the Drive knob. Special infrared sensors give this wah smooth and noise-free sound, while three digital memories make it easy to recall your favorite settings. To try it is to love it!



■ COSM WAH TYPE		
CUSTOM	CBY-WAH	VOICE
ADVANCED	VO-WAH	UNI-V
BASS MIX	MO-WAH	

■ OD/DS TYPE	
METAL ZONE	
MUFF FUZZ	
VINTAGE OD	
GUV DIST	
DISTORTION	
TURBO OD	
BLUES OD	
BOOSTER	

High-Quality Pedals for Guitar and Keyboards.



FV-300L
Volume/Expression Pedal

The FV-300L is a sturdy, stage-ready volume pedal with a low-impedance design perfect for keyboards or for connecting after effects units.



FV-50L
Volume Pedal

The low-impedance FV-50L is designed for connection after effects units or for use with keyboards.



FV-50H
Volume Pedal

The high-impedance FV-50H is designed to be connected before guitar effect units in the signal chain.

■ PW-10 Specifications
•Nominal Input Level -20 dBu •Input Impedance 1 MΩ •Nominal Output Level -20 dBu •Output Impedance 1 kΩ •Recommended Load Impedance 10 kΩ or greater •Power Supply DC 9 V: Dry Battery<AA type> x 6, AC Adaptor •Current Draw 55 mA (Expected battery life under continuous use; [Carbon: 14 hours], [Alkaline: 38 hours], These figures will vary depending on the actual conditions of use.) •Dimensions 100 (W) x 270 (D) x 100 (H; max.) mm (3-15/16" x 10-11/16" x 3-15/16") •Weight 1.3 kg/2 lbs. 14 oz. (incl. batteries)
•Accessory Dry Battery <LR6 (AA) type> x 6 •Option AC Adaptor (PSA Series) *0 dBu=0.775 Vrms

GK Mind-Blowing Effects for GK-Equipped Guitars.



WAVE PROCESSOR
WP-20G GK EFFECT

■ WP-20G Specifications
•Nominal Input Level -20 dBu •Nominal Output Level -20 dBu •Power Supply DC 9 V: Dry Battery x 6, AC Adaptor (PSA Series: Optional) •Current Draw 150 mA (9 V, with GK-2A) *Expected battery life under continuous use; [Carbon: 2 hours], [Alkaline: 6 hours] These figures will vary depending on the actual conditions of use. •Dimensions 173 (W) x 158 (D) x 57 (H) mm (6-13/16" x 6-1/4" x 2-1/4") •Weight 1.1 kg/2 lbs. 7 oz. (incl. batteries) •Accessory Dry Battery <LR6 (AA) type> x 6
•Options AC Adaptor (PSA Series) *0 dBu=0.775 Vrms



POLY OCTAVE
OC-20G GK EFFECT

■ OC-20G Specifications
•Nominal Input Level -20 dBu •Nominal Output Level -20 dBu •Power Supply DC 9 V: Dry Battery x 6, AC Adaptor (PSA Series: Optional) •Current Draw 150 mA (9 V, with GK-2A) *Expected battery life under continuous use; [Carbon: 2 hours], [Alkaline: 6 hours] These figures will vary depending on the actual conditions of use. •Dimensions 173 (W) x 158 (D) x 57 (H) mm (6-13/16" x 6-1/4" x 2-1/4") •Weight 1.1 kg/2 lbs. 7 oz. (incl. batteries) •Accessory Dry Battery <LR6 (AA) type> x 6
•Options AC Adaptor (PSA Series) *0 dBu=0.775 Vrms



GK Options



GK-2A **GK**
Divided Pickup

Enter the GK world with this divided pickup for electric and steel-stringed acoustic guitars.



GK Cables **GK** GK-10 (10 m) / GK-5 (5 m) / GK-3 (3 m)

VT-1 VOICE TRANSFORMER

Gender-Bending Vocal Effects!

The VT-1 is a unique device designed for altering and effecting the human voice. It provides everything from voice "thickening" to a full ±1 octave pitch shift, allowing users to convincingly change their vocal gender. Unlike conventional pitch shifters, the VT-1 affords separate control of pitch and formant, so the user's voice can be altered without the "chipmunk" effect.

■ VT-1 Specifications
•Nominal Input Level MIC: -50 dBu, LINE: -20 dBu •Input Range 62.5 Hz to 1 kHz (C2 to B5) •Nominal Output Level MIC OUT: -40 dBu, LINE OUT: -20 dBu •Residual Noise -100 dBu or less (INPUT: MIC) •Connectors INPUT, MIC OUT, LINE OUT (L, R), REMOTE, AC Adaptor •Power Supply DC 9 V: AC Adaptor •Current Draw 300 mA •Dimensions 178 (W) x 161.5 (D) x 52 (H) mm (7" x 6-3/8" x 2-1/16") •Weight 480 g/1 lbs. 1oz. (excl. AC Adaptor) •Accessory AC Adaptor (ACI/ACB Series) *0 dBu=0.775 Vrms

Made with Musicians in Mind.

Easy

At BOSS, we have a passion for technology, but we're also musicians. That's why our gear is designed to be simple and easy-to-use.

COSM Effects for Killer Tone

From crunchy blues tones to screaming rock leads, the BR-1180's COSM Amp Modeling delivers—no external effects or amps needed! Of course, there's plenty of other goodies like COSM Mic and Speaker Modeling, a Bass Simulator, and a Mastering Tool Kit for great mixdowns. Two Loop processors provide global effects like reverb, chorus and delay.



COSM PREAMP TYPE			
JC-120	VO DRV	MS(1)	SLDN
CLEAN	BLUES	MS(2)	METAL
CRUNCH	BG LEAD	MS(1+2)	METAL D
MATCH			
BASS PREAMP			
AC		AMG	

EFFECT LIST			
Acoustic Guitar Simulator	Distance	Octave	
Acoustic Processor	Doubling	Phaser	
Bass Simulator	Enhancer	Pitch Shifter	
Bass Cut Filter	4-Band Equalizer	Preamp	
Chorus	Flanger	Ring Modulator	
Compressor	Foot Volume	Slow Attack	
COSM Comp/Limiter	Limiter	Speaker Simulator	
De-esser	Lo-Fi Box	Tremolo/Pan	
Defretter	Mic Converter	Voice Transformer	
Delay	Noise Suppressor	Wah	

Massive 20GB Hard Drive

The BR-1180 comes with a 20GB internal hard drive for tons of ultra-reliable recording. Now there's plenty of room to track your next hit.

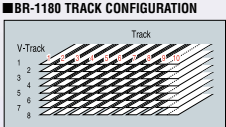
MAXIMUM USEFUL CAPACITY / RECORDING TIME	
Internal Hard Disk: 20GB	
Data type	Recording time
LIN	60 hours
MT1	120 hours
MT2	160 hours
LV1	190 hours
LV2	240 hours

(conversion in 1 track, times approximate)

*The recording times shown at left are approximate. Times may vary depending on the number of songs and the size of imported loop phrases.
*Recording times shown are the total for all tracks used. Therefore, if each of the ten tracks contain an equal amount of data, the length of the resulting song will be approximately 1/10 of the time shown.

80-Track Digital Recording

The BR-1180's 10 primary tracks each contain eight "Virtual Tracks"—yielding a total of 80 recording tracks—which can be edited and combined with digital precision (just select any 10 for playback).



Hassle-Free Recording!

1. Grab a guitar

2. Select an effect

3. Arm the track

4. Start recording

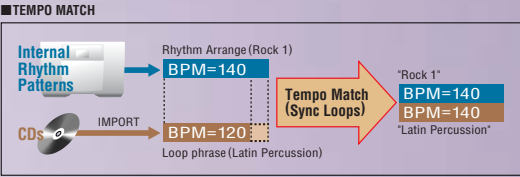
It's that easy!

Taking Compact Digital Studios to the Next Level.

The BR-1180 Digital Recording Studio is more than a digital recorder, it's a complete music production system. You get 10 tracks of hard disk recording, 80 Virtual Tracks, onboard COSM effects, a programmable Rhythm Guide drum track and an optional CD-R/W drive for burning CDs (standard on the BR-1180CD). And because it's from BOSS, you won't lose your wallet—or your patience—owning one.

Import and Export .WAV/AIFF Files

Import .WAV/AIFF files and CD tracks! A handy Timestretch function makes it easy to sync loops to the tempo of your song. Likewise, you can also export BR-1180 tracks for easy loading into a Mac or PC.



Separate Rhythm Track

Need drums? Switch on the Rhythm Track! It's like having a drum machine built right into the BR-1180, stocked with realistic sounds and a variety of patterns for your song.



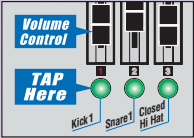
PRESET RHYTHM PATTERNS			
ROCK x 6	HARD ROCK x 5	HEAVY x 5	POP x 8
BALLAD x 2	BLUES x 4	R&B x 5	JAZZ x 3
FUSION x 2	HiPop x 2	FUNK x 1	HOUSE x 1
Country x 2	OTHER x 3	Metronome x 1	

*Each style has six forms (intro, verse1, 2, fill1, 2, Ending).

Make Your Own Beats: The Rhythm Track is fully programmable, so you can create your own rhythm patterns using realtime or step recording.



REALTIME RECORDING



TRACK button	Drum Sound	TRACK button	Drum Sound
[1] Kick 1	[9/10] Ride Cymbal		
[2] Snare 1	[V-TRACK] + [1] Kick 2		
[3] Closed Hi Hat	[V-TRACK] + [2] Snare 2		
[4] Open Hi Hat	[V-TRACK] + [3] Claves		
[5] Low Tom	[V-TRACK] + [4] Cow Bell		
[6] Mid Tom	[V-TRACK] + [5] High Q		
[7] High Tom	[V-TRACK] + [6] Metronome (Click)		
[8] Crash Cymbal	[V-TRACK] + [7] Metronome (Bell)		

Tracks Status buttons change into drum pads!

Import Standard MIDI File Patterns: Using the BR-1180CD's onboard CD-R/W drive, you can load Standard MIDI File (SMF) rhythm patterns on CD-ROM directly into the Rhythm Track for playback.

BR-1180CD Version 2

Same great features, but without the CD-R/W drive.

BR-1180 Version 2

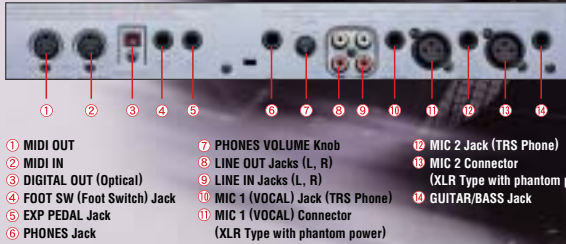


CDI-BR-1
CD-R/W Drive for BR-1180

Easy CD Burning

With an optional CD-R/W drive (standard on the BR-1180CD) CD burning and project backup have never been more convenient. Want to share your music? Simply insert the Mastering Tool Kit for punchy multi-band compression, mix down to the stereo Master Track and burn a CD—just like the pros.

BR-1180CD/1180 Rear Panel



■ BR-1180CD/1180 Specifications
• Tracks Track: 10, V-Track: 80 (8 V-Tracks per each Track) * Up to 2 tracks can be recorded simultaneously, and up to 10 tracks can be played back simultaneously. • Signal Processing AD Conversion: 24-bit AF Method (Guitar/Bass), 24-bit AF-AD (Mic), 24-bit (Line), 24-bit (Simul), DA Conversion: 24-bit, Internal Processing: 24-bit (digital mixer section), Recording Data: 16-bit linear (data type: LIN) • Sample Rate 44.1 kHz • Effects Mixer Effects: [Loop Effects: Chorus/Delay/Doubling, Reverb], [EQ (Two-band equalizer, Independent for each track)], Insert Effects: 17 algorithms, Speaker Modeling (Reference model are the Roland DS-90/90A and DS-50A), Mastering Effects • Rhythm/Loop Phrase Resolution: 96 TPQN, Rhythm Patterns: [Preset: 50, User*: 999, Song*: 999 *User-programmable and SMF-importable], Rhythm Arranges: [Preset: 50, User: 10, Song*: 10 *User-programmable], Loop Phrases: [User: 400, Song: 50] (.WAV/AIFF-importable) • Display 64 x 40 mm (Backlit LCD) • Power Supply DC 12 V, Supplied AC Adaptor • Power Consumption 3 A • Dimensions 460 (W) x 273 (D) x 87 (H) mm (18-1/8" x 10-3/4" x 3-7/16") • Weight BR-1180CD: 3.85 kg/8 lbs. 8 oz. BR-1180: 3.50 kg/7 lbs. 12 oz. (excl. AC Adaptor) • Accessories AC Adaptor: PSB-3U, Effect Patch List/Rhythm Pattern List, DISCRETE DRUMS (CD-ROM; BR-1180CD only) • Option CD-R/W drive (for BR-1180): CDI-BR-1 * 0 dBu=0.775 Vrms

Make Music Anywhere.

Freedom

Thanks to its USB connectivity, onboard Rhythm Guide drum machine and battery power, the BR-864 gives you the freedom to create music and make professional-quality recordings at home or on the road.

A Mastering House Built-In

Wanna make a CD? Try running your stereo mixdown through the BR-864's Mastering Tool Kit. This special multi-effect includes multi-band compression, parametric EQ, a limiter, enhancer and more to give your tracks extra loudness and punch.

Open-Ended USB Interface

Thanks to USB, the BR-864 opens your recordings up to the world of computers and the Internet. With a single-cable connection, you can easily import .WAV/AIFF files or export your songs to a Mac or PC for CD-burning and data backup.

Batteries Included

The BR-864 can run on AC or battery power, which means you can now make professional-quality recordings any time, any place. BOSS even includes the batteries!

More Recording Time with CompactFlash

Record over an hour's worth of tracks using the included 128MB CompactFlash™ card. These are the same storage cards used by modern digital cameras, so they're easy to get.

BR-864 RECORDING TIME (1 track)

	32 MB	64 MB	128 MB	256 MB	1 GB
Hi-Fi (MT2)	16 min.	32 min.	65 min.	130 min.	520 min.
Standard (LV1)	19 min.	39 min.	78 min.	156 min.	624 min.
Long (LV2)	24 min.	49 min.	98 min.	196 min.	784 min.

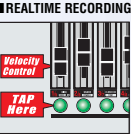
*The recording times shown above are approximate. Times may vary depending on the number of songs created.
*Recording times shown are the total for all tracks used. Therefore, if each of the eight tracks contain an equal amount of data, the length of the resulting song will be approximately 1/8 of the time shown.

New Programmable Rhythm Guide

The new Rhythm Guide offers a variety of realistic-sounding drum patterns, plus full programmability. New sounds can be imported using the Tone Load function.

Make Your Own Beats
The Rhythm Guide is fully programmable, so you can create your own rhythm patterns using the following features.

TONE LOAD
You can create new drum kits by loading your favorite drum sounds from a track, or by importing .WAV/AIFF files (up to 13 seconds of audio per drum kit).



*The Track Status buttons change into Drum pads!

8-Track Power, 4-Track Size.

The BR-864 puts 8-track digital recording in BOSS' most portable package ever, without skimping on features. Inside you'll find 64 Virtual Tracks, killer COSM® effects and the world's easiest user interface. But this affordable 8-track also has a new Rhythm Guide with programmable patterns, .WAV/AIFF compatibility, USB and more.

Get Killer Tone with COSM

Plug into the BR-864 direct and get the tone you want with COSM Amp Modeling. Or lay down bass tracks using the Bass Simulator. The BR-864 also comes with new effects like pedal wah*, guitar synth and a scale-intelligent Harmonist.

COSM PREAMP TYPE

GUITAR							BASS
JC-120	CRUNCH	VO DRV	BG LEAD	MS(2)	SLDN	METAL D	AC
CLEAN	MATCH	BLUES	MS(1)	MS(1+2)	METAL		AMG

COSM COMP/LIMITER TYPE

BOSS-Cmp	D-Cmp	Rack160	VtgRack
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EFFECT LIST

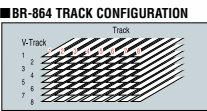
Acoustic Guitar Simulator	Defretter	Guitar Synth	Preamp
Acoustic Processor	Delay	Harmonist	Ring Modulator
Bass Simulator	Doubling	Lo-Fi Box	Slow Attack
Chorus	Enhancer	Noise Suppressor	Speaker Simulator
Compressor	4-Band Equalizer	Octave	Tremolo/Pan
COSM Comp/Limiter	Flanger	Phaser	Voice Transformer
De-esser	Foot Volume	Pitch Shifter	Wah

Convenient Built-in Mic

BOSS thought of everything! The BR-864's built-in microphone is perfect for times when bringing a mic and cable along isn't practical.

64 Virtual Tracks and 8-Track Playback

With 64 Virtual Tracks, there's plenty of room to "comp" the perfect vocal take or try alternate guitar solos. Then just choose any eight tracks for playback and mixdown. The BR-864 also adds new Track EQ, leaving the internal effects free for things like amp modeling and delay.



- 1. Grab a guitar
- 2. Select an effect
- 3. Arm the track
- 4. Start recording

BR-864 Specifications
•Tracks Track: 8, V-Track: 64 (8 V-Tracks per each Track)*Up to 2 tracks can be recorded simultaneously, and up to 8 tracks can be played back simultaneously.
•Useful Capacity CompactFlash (32 MB-1 GB) •Data Type Hi-Fi (MT2), Standard (LV1), Long (LV2) •Signal Processing AD Conversion [24-bit, ΔΣ Modulation + AF-AD (Guitar/Bass), 24-bit, ΔΣ Modulation + AF-AD (Mic), 24-bit, ΔΣ Modulation (Line), 24-bit, ΔΣ Modulation (Simul)], DA Conversion [24-bit, ΔΣ Modulation], Internal Processing [24-bit (digital mixer section)] •Sample Rate 44.1 kHz •Display 16 Characters x 2 Lines + Approx. 100 icons (Backlit LCD) •Power Supply DC 9 V: Supplied AC Adaptor (PSA Series), Dry battery x 6 •Current Draw 200 mA *Expected battery life under continuous use: (Alkaline: 5 hours) *These figures will vary depending on the actual conditions of use. •Dimensions 322 (W) x 225 (D) x 69 (H) mm (12-11/16" x 8-7/8" x 2-3/4") •Weight 1.65 kg/3 lbs. 11 oz. (excl. batteries) •Accessories Dry battery (R6 (AA) type) x 6, Demo Card •Option AC Adaptor (PSA Series) * 0 dBu=0.775 Vrms

System Requirements (USB Connection)
•Compatible OS Windows: Windows® Me/2000 or later, Macintosh: Mac OS 9.1 or later •Computer Windows: Windows-compatible personal computer equipped with a USB port, Macintosh: Apple Macintosh computer equipped with a USB port •Driver The BR-864 uses a standard DRIVER that is found on the OS. The DRIVER will be installed automatically once connected with Computer via USB.

BR-864 8-TRACK DIGITAL STUDIO COSM USB

- BR-864 Rear Panel
- 1 USB Connector
 - 2 MIDI OUT Connector
 - 3 FOOT SW (Foot Switch) / EXP PEDAL Jack
 - 4 DIGITAL OUT (Optical)
 - 5 LINE OUT Jacks (L, R)
 - 6 LINE IN Jacks (L, R)
 - 7 MIC Jack (TRS Balance Type)
 - 8 MIC Jack (XLR Type)
 - 9 GUITAR/BASS Jack

More Ways to Groove.

Performers

From stage to studio, BOSS drum machines, samplers and metronomes keep the beat going strong.



JS-5 JamStation® SmartMedia 3.3V

Jam with the Best.

The perfect jamming and songwriting tool with high-quality, 4-part accompaniments using a JV-Series sound engine. The JS-5's 200 Preset songs can be arranged using a helpful EZ Compose feature and 26 user-definable chord progressions, while a separate audio track allows you to record and sync your playing to the internal patterns.

- Max. Polyphony 32 voices •Instruments Instruments (including Bass): 128, Drum Kits: 16 •Effects Reverb, Chorus, Insert Effects (40 types)
- Styles Preset: 200 x 8 forms (Intro, Original, Fill 1, Variation, Fill 2, Break 1, Break 2, Ending), User: 20 x 8 forms (Max) •Song Preset: 200, User: 100 •Connectors Recording Input, Output (L, R), Headphones, Footswitch, MIDI (In, Out), AC Adaptor (AC 14 V) •Dimensions 269 (W) x 176 (D) x 63 (H) mm (10-9/16" x 6-15/16" x 2-1/2") •Weight 1.1 kg/2 lbs. 7 oz. (excl. AC Adaptor) •Accessory AC Adaptor (BRC Series)



DR-770 Dr. Rhythm

The Ultimate BOSS Drum Machine.

BOSS' finest drum machine in history with 255 high-quality drum, percussion and bass sounds, plus a full complement of onboard effects. Choose from 400 Preset patterns or create up to 400 of your own.

- Max. Polyphony 14 voices •Instruments 255 •Rhythm Patterns User: 400, Preset: 400 •Songs Songs: 100, Song length: Max. 250 parts for a song, Total Parts for songs: 10,000 •Connectors Output (L, R), Individual Output, Headphones, Pedal Switch, MIDI (In, Out), AC Adaptor •Power Supply AC 14 V: AC Adaptor (BRC Series) •Accessory AC Adaptor (BRC Series)



DB-88 Dr. Beat

A Talking Metronome!

The ultimate digital metronome packed with professional features like programmable beat and tuning memories, a loop function and human voice count.

- Connectors Phone x 2 (Stereo 1/4" Phone, Stereo Mini), Input, AC Adaptor •Power Supply DC 9 V: Dry Battery, AC Adaptor (PSA Series: Optional) •Accessories Soft Case, Wire Stand, Dry Battery



DR-670 Dr. Rhythm

Killer Drums at an Amazing Low Price.

This compact rhythm-creation tool offers all the acclaimed sounds from BOSS' flagship DR-770 model, along with velocity-sensitive pads, footswitch control, a large LCD and more.

- Max. Polyphony 20 voices *Depending on the instruments and drum kits used, max. polyphony may be lower. •Instruments Drum: 256, Bass: 16 •Rhythm Patterns User: 200, Preset: 200 •Songs Songs: 100, Song Length: Max. 250 patterns for a song., Total Patterns for all songs: approx. 3,000 •Connectors Output (L, R), Headphones, Footswitch, MIDI (In, Out), AC Adaptor (DC 9 V) •Power Supply DC 9 V: Dry Battery x 6, AC Adaptor (PSA Series: Optional) •Accessory Alkaline Dry Battery <LR6 (AA) type> x 6 •Option AC Adaptor (PSA Series)



DR-3 Dr. Rhythm

Your Own Personal Drummer.

The affordable DR-3 includes some of BOSS' best drum and bass sounds, plus new Rhythm Progressions for easy drum track arranging. It's the perfect choice for practice, jamming and songwriting.

- Max. Polyphony 12 voices •Instruments Drum and Perc: 120, Bass: 12 •Rhythm Patterns User: 100, Preset: 100 *11 patterns for a rhythm pattern •Songs Songs: 100, Song Length: Max. 250 patterns for a song •Connectors Output (L, R/RCA phono type), L (PHONES), R (MONO) (1/4" phone type), Foot Switch (Stereo 1/4" phone type), MIDI IN, AC Adaptor •Power Supply DC 9 V: Dry Battery x 6, AC Adaptor (PSA Series) •Power Consumption 200 mA •Accessory Alkaline Dry Battery <LR6 (AA) type> x 6 •Option AC Adaptor (PSA Series)



DB-12 Dr. Beat

Don't Practice Without It!

An affordable, rock-solid metronome with helpful practice features including 24 beat variations with six rhythm types, plus a handy stopwatch and timer.

- Connector Phone (Mono Mini) •Power Supply DC 3 V: Lithium Battery •Accessories Strap, Lithium Battery

Sampling, Beats and Basslines.



SP-505 Groove Sampling Workstation SmartMedia 3.3V

A Complete Sampling Workstation.

The SP-505 is BOSS' ultimate tool for composing music with samples and laying down beats! It gives you eight voices of CD-quality sampling, powerful editing tools like Chop, Pitch and BPM Sync, built-in effects, plus a sequencer for creating grooves using samples or onboard tones. *Requires SmartMedia adaptor or PCI adaptor card when using optional SmartMedia cards.

- Internal Memory Samples: 250 •Expansion Card Memory (SmartMedia) Samples: 256 •Sample Rate 44.1/22.05/11.025 kHz •No. of Recordable Events (pad operations) Approx. 15,000 events •Preset Sample 64 •Preset Pattern 40 (Hip-Hop x 19, House x 11, Techno x 4, Drum'n'Bass x 4, Big Beat x 2) •Accessory AC Adaptor (BRC Series)



SP-303 Dr. Sample SmartMedia 3.3V

Pro Sampling Made Easy.

A killer sampler with CD-quality sound, 26 effects, and a pattern sequencer for building complete songs right on your tabletop. Store 64MB of additional samples and even load .WAV/AIFF files using optional SmartMedia cards*. *Requires SmartMedia adaptor or PCI adaptor card.

- Internal Memory Samples: 16, Patterns: 16 •Expansion Card Memory (SmartMedia) [Samples: 16, Backup: 112], [Patterns: 16, Backup: 112] •Sample Rate 44.1/22.05/11.025 kHz •Effects 26 types •Pattern Sequencer Max. Note Strage: [Internal: Approx. 7,500 notes], [Memory Card (SmartMedia): Approx. 7,500 notes] •Pattern Length 1 to 99 measures •Accessory AC Adaptor

Don't Forget the Accessories...



BCB-60 Pedal Board

Works with All BOSS Pedals!

The BOSS BCB-60 Pedal Board is a convenient way to set up and transport all your compact effects. The unique padded interior can be customized to fit a range of gear, while a built-in AC adaptor cranks out 1,000 mA of power—enough to run up to seven devices!

*Compact pedals and tuner not included and shown only for photography purposes.

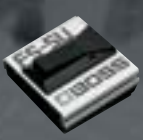


EV-5 Expression Pedal

Roland



FS-5L Footswitch (Latch)



FS-5U Footswitch (Unlatch)



AB-2 2-Way Selector



DP-2 Pedal Switch

Roland



DR-20* Dynamic Microphone

Roland



DR-10 Dynamic Microphone

Roland



DS-30A 24-bit Digital Reference Monitor

Roland



RH-50 Headphone

Roland



RH-25 Headphone

Roland



DI-1 Direct Box

AC Adaptors

- PSA Series (117/230/240 V)
- ACA Series (117/230 V)

Audio Cable

- PCS-31 (Stereo 1/4" ↔ 2 x 1/4"; 2.2 m)

MIDI Cable

- MSC Series (1.5/2.5/5.0 m)

DC Cable

- PCS-20A 8PIN Parallel DC Cable (8 x DC Plug; 1 m)

*Recommended for BR-1180/1180CD COSM Mic Modeling.

Are You Plugged In?

GT-6/6B

ME-50

Compact Pedals

AD Series

TU Series

Twin Pedals

PW-10

VT-1

GK Effects

BR Series

JS-5

DR Series

DB Series

SP Series

Accessories

BOSS

COSM
Composite Object Sound Modeling

Once a musical instrument generates sound vibrations, it reaches the human ear through various mediating objects, each of which significantly affects the sound. The material and configuration of the instrument, the electric/electronic/magnetic amplifying system, the air and the reverberation of the room all affect the final sound. Sound modeling, the latest DSP technology, "virtually" reconstructs these objects. Roland's breakthrough Composite Object Sound Modeling (COSM) uses the advantages of multiple modeling methods and succeeds in accurately emulating existing sounds, as well as producing sounds that have never before been created.

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